Cement & Concrete Composites **17** (1995) 349–351
© 1995 Elsevier Science Limited
Printed in Great Britain. All rights reserved

Contents of Volume 17

Number 1

1 Editorial

3 Crystallization of sodium sulphate in polymer impregnated plasters
C. ATZENI, M. G. CABIDDU, L. MASSIDDA & U. SANNA (Italy)

9 Effect of latex and superplasticiser on Portland cement mortar in the hardened state
I. RAY, A. P. GUPTA & M. BISWAS (India)

23 Blended cements in North America—a review
V. M. MALHOTRA & R. T. HEMMINGS (Canada)

37 Performance of repaired reinforced concrete slabs under static and cyclic loadings
P. PARAMASIVAM, K. C. G. ONG, B. G. ONG & S. L. LEE (Singapore)

47 Rational assessment of flexural fatigue characteristics of ferrocement for reliable design
G. SINGH (UK) & G. J. XIONG (China)

57 Biaxial fracture tests on concrete—development and experience
E. K. TSCHEGG, M. ELSER & S. E. STANZL-TSCHEGG (Austria)

77 Conference reports

80 Announcement

81 Book reviews

83 News: conferences and symposia

Number 2

85 Editorial

87 Effect of matrix composition on the aging of CFRC
A. KATZ & A. BENTUR (Israel)

99 Autoclaved bamboo pulp fibre reinforced cement
R. S. P. COUTTS & Y. NI (Australia)

107 Bagasse-reinforced cement composites
L. K. AGGARWAL (India)

113 Water retention and adhesion of powdered and aqueous polymer-modified mortars
M. U. K. AFRIDI (Pakistan), Y. OHAMA (Japan), M. ZAFAR IQBAL (Pakistan) & K. DEMURA (Japan)

119 Time–temperature properties of polymer concrete using recycled PET
K. S. REBEIZ (USA)

125 Effect of curing on the compressive strength, resistance to chloride-ion penetration and porosity of concretes incorporating slag, fly ash or silica fume
A. A. RAMEZANIANPOUR (Iran) & V. M. MALHOTRA (Canada)

135 Simulation of fracture in cement-based composites
J. BOLANDER JR & H. HIKOSAKA (Japan)

147 Shear ductility of reinforced lightweight concrete beams of normal strength and high strength concrete
S. H. AHMAD, Y. XIE & T. YU (USA)

161 Effect of fibers on the punching shear strength of slab–column connections
M. H. HARAJLI, D. MAALOUF & H. KHATIB (USA)

171 Conference announcement

172 News: conferences and symposia

Number 3

175 Editorial

177 Suitability of sea water for mixing structural concrete exposed to a marine environment
S. K. KAUSHIK & S. ISLAM (India)

187 Investigations on the influence of the addition of carbon dioxide on the production and properties of rapidly set wood–cement composites
M. H. SIMATUPANG, C. HABIGHORST, H. LANGE & A. NEUBAUER (Germany)

199 Properties of steel fibre reinforced concrete containing larger coarse aggregate
HUANG CHENKUI & ZHAO GUOFAN (China)

207 A semi-empirical approach to predict shear strength of ferrocement
P. DESAYI & N. NANDAKUMAR (India)

219 A novel technique for fiber–matrix bond strength determination for rupturing fibers
K. H. OBLA & V. C. LI (USA)

229 Shrinkage behaviour of GRC thin sheets
D. D. THEODORAKOPOULOS (Greece)

239 On the characterization of flexural toughness in fiber reinforced concretes
V. S. GOPALARATNAM (USA) & R. GETTU (Spain)

255 News: conferences and symposia

Number 4

259 Editorial

261 Behaviour of steel-fibre-reinforced concretes under biaxial compression loads
J. M. TORRENTI & B. DJEBRI (France)

267 Creep characteristics of glass reinforced cement under flexural loading
D. D. THEODORAKOPOULOS (Greece)

281 Ultimate load behaviour of bamboo-reinforced lightweight concrete beams
K. GHAVAMI (Brazil)

289 Bricks made of coal fly-ash and slag, cured in the open air
K. FREIDIN & E. ERELL (Israel)

301 Strength, durability and shrinkage characteristics of cement stabilised soil blocks
P. J. WALKER (Australia)

311 Sample preparation—the key to SEM studies of failed concrete
S. L. MARUSIN (USA)

319 A two-phase composite materials approach to the workability of concrete
İ. B. TOPÇU & F. KOCATAŞKIN (Turkey)

327 Bending behavior of mortar reinforced with steel meshes and polymeric fibers
M. K. EL DEBS (Brazil) & A. E. NAAMAN (USA)

339 Book reviews

343 Conference report

345 News: conferences and symposia

347 Index